

## FORECASTING AND CONTROLLING NEUROLOGICAL DISTURBANCES

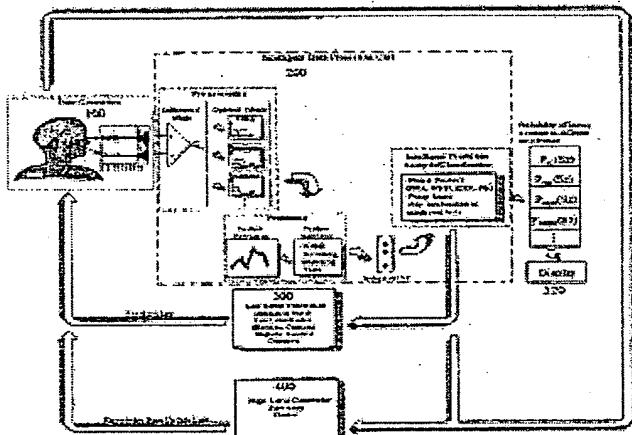
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**Inventor:** ESTELLER ROSANA (US); LITT BRIAN (US); VACHTSEVANOS GEORGE JOHN (US); ECHAUZ JAVIER RAMON (US)  
**Applicant:** TRUSTEES OF THE UNIVERSITY OF (US)  
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A method and apparatus for forecasting and controlling neurological Abnormalities in humans such as seizures or other brain disturbances. The system is based on a multi-level control strategy (200). Forecasting is achieved by indicating the probability of an oncoming seizure within one or more time frames, which is accomplished through an inner-loop control law and a feedback necessary to prevent or control the neurological event by either electrical, chemical, cognitive, sensory, and/or magnetic stimulation (300).



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